

Recombinant Human GLB1 Protein

Catalog #	Source	Reactivity	Applications
CRP1627	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human GLB1 Protein is produced by our Mammalian expression system and the target gene encoding Leu24-Val677 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.

Gene Symbol GLB1

Alternative Names ELNR1; Beta-galactosidase; Acid beta-galactosidase; Lactase; Elastin receptor 1

Entrez Gene 2720 (Human)

SwissProt P16278 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure LRNATQRMFE IDYSRDSFLK DGQPFRYISG SIHYSRVPRF YWKDRLLKMK MAGLNAIQTY VPWNFHEPWP GQYQFSEDHD VEYFLRLAHE LGLLVILRPG PYICAEWEMG GLPAWLLLEKE SILLRSSDPD YLAAVDKWLK VLLPKMKPLL YQNGGPVITV QVENEYGSYF ACDFDYLRFL QKRFRHHLGD DVVLFTTDGA HKTFLKCGAL QGLYTTVDFG TGSNITDAFL SQRKCEPKGP LINSEFYTGW LDHWGQPHST IKTEAVASSL YDILARGASV NLYMFIGGTN FAYWNGANSP YAAQPTSVDY DAPLSEAGDL TEKYFALRNI IQKFEKVPEG PIPPSTPKFA YGKVTLEKLL TVGAALDILC PSGPIKSYP LTFIQVKQHY GFVLYRRTLP QDCSNPAPLS SPLNGVHDRA YVAVDGIPQG VLERNNVITL NITGKAGATL DLLVENMGRV NYGAYINDFK GLVSNLTLSS NILTDWTIFP LDTEDAVRSH LGGWGHRDSG HHDEAWAHNS SNYTLPAFYM GNFSIPSGIP DLPQDFTIQF PGWTKGQVWI NGFNLGRYWP ARGPQLTLFV PQHILMTSAP NTITVLELEW APCSSDDPEL CAVTFVDRPV IGSSVTYDHP SKPVEKRLMP PPPQKNKDSW LDHVVDHHHH HH

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage/Stability	Store it at -20°C to -80°C for one year.

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